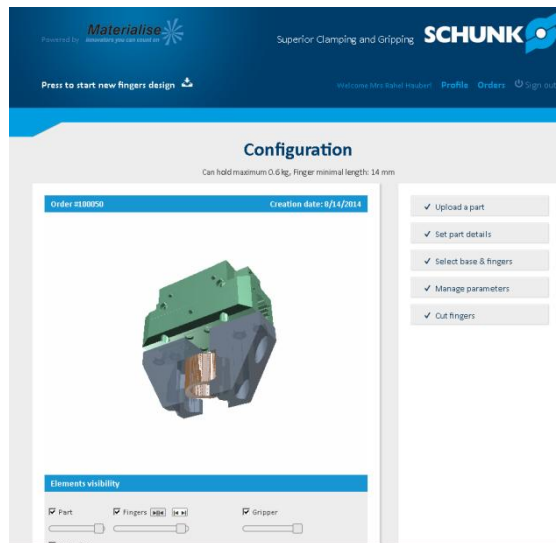


Product



No. 1 Position

First webshop with online configurator for automatically creating and ordering top jaws

Market and Competitors

Key Competitors:

- ✓ Sommer
- ✓ Festo
- ✓ Afag
- ✓ SMC
- ✓ Etc.

Advantages over Competitors:

- ✓ SCHUNK is the first and only company providing a solution of this type

Product Features

Unique Selling Points:

- ✓ Online software tool automatically generating the contours of the top jaws to match the workpiece. No design effort required on the part of the customer. Direct order and repeat order possible.

Further Product Features:

- ✓ Generate and order top jaws around the clock (available 24h)
- ✓ Top jaws are produced using 3D printing ("additive manufacturing")
- ✓ Browser-based, no program or licensing costs
- ✓ CAD computer not required
- ✓ "Design" very simple-fingers even for complicated contours
- ✓ STL download of overall assembly possible
- ✓ SCHUNK parallel grippers each integrated with three blanks (PGN+, MPG+)
- ✓ Top jaws can be directly ordered using the integrated Webshop after they have been configured.
- ✓ Jaws ordered already can simply be reordered
- ✓ The configuration can be cached prior to the order so that the order can also be activated by another colleague
- ✓ Direct display of price and delivery time after configuration
- ✓ Overview of all orders and ordering status

Cost-effectiveness / Customer Benefits

- ✓ Short delivery times
 - Minimum customer lead time required
- ✓ Favorable price
- ✓ Direct display of prices and delivery time
 - No waiting around for the offer. The customer can continue working right away
- ✓ The outer cover for the gripper with top jaws and workpiece can be downloaded, meaning that the gripper with top jaws can be adjusted to the customer design
 - No waiting around for the design. The customer can continue working right away
- ✓ Design time reduced many times over (generate suitable top jaws in 15 minutes)

Questions about the product? Your contact person at Product Management Gripping Systems is Jakob Khoury (+49-7133-103-2667)

Technical Data / Functions

Technical Data:

- ✓ Browser-based (are there special prerequisites or conditions here?) current versions where required
- ✓ Integrated grippers:
PGN-plus 40 to 125
MPG-plus 20 to 80
- ✓ Integrated Webshop
- ✓ Workpieces can be uploaded as ".step" or ".stl" files
- ✓ The outer cover for the gripper with top jaws can be downloaded as an ".stl" file for interference contour analysis
- ✓ Material used for the fingers: Polyamide 12 in white or colored in black
- ✓ Option of producing the fingers out of FDA-approved material (PA2201)

Complementary Products:

- ✓ PGN-plus
- ✓ MPG-plus

Industries and Applications

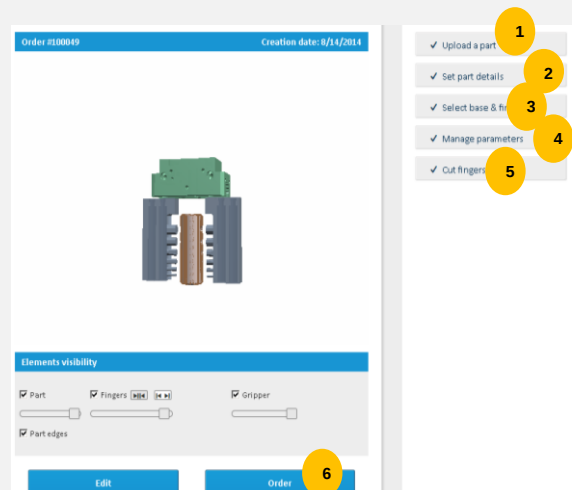
- ✓ Assembly automation
- ✓ Loading
- ✓ Handling
- ✓ Small components handling

Sectional Diagram Key

Five steps for configuration (OR six steps for suitable top jaw)

- (1) **Upload the workpiece**
As step or stl file
- (2) **Add workpiece-specific data or properties**
e.g. weight
- (3) **Select the grippers and finger blanks**
Three different blanks can be selected for each gripper
- (4) **Enter more application data**
Horizontal and vertical installation, finger length, external contour (cut off diagonally)
- (5) **Generation of customized fingers**
Automatic shaping of the finger contours
- (6) **Order**
Simply the ordering of configured fingers

Sectional Diagram



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